

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40	(US-20020002946-\$ or US-20030051815-\$ or US-20040187786-\$).did. or (US-5913978-\$ or US-5976328-\$ or US-5981399-\$ or US-6074202-\$ or US-6080679-\$ or US-6133981-\$ or US-6161311-\$ or US-6224679-\$ or US-6287984-\$ or US-6328864-\$ or US-6364762-\$ or US-6550158-\$ or US-6685779-\$ or US-6750155-\$ or US-6750946-\$ or US-6828235-\$ or US-6843883-\$ or US-5455082-\$ or US-5433785-\$ or US-6286230-\$ or US-5205051-\$ or US-5121160-\$ or US-4824545-\$ or US-4780169-\$ or US-5828572-\$ or US-5795399-\$).did. or (US-5735961-\$ or US-5730573-\$ or US-5616208-\$ or US-5286296-\$ or US-5611655-\$ or US-5237756-\$ or US-4792378-\$ or US-4209357-\$).did. or (US-3437415-\$).did. or (WO-9625760-\$).did. or (US-5981399-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/04/03 06:43
S7	35	("20020011207" "4975168" "5044314" "5267607" "5303671" "5314541" "5436202" "5439780" "5489339" "5524131" "5611655" "5618350" "5761064" "5822389" "5837059" "5906680" "5914493" "5925227" "5943230" "5980591" "6086952" "6110232" "6211081" "6224312" "6275744" "6319322" "6321134" "6328864" "6448537" "6457866" "6468384" "6508062" "6672864" "6707533" "6828235").PN.	US-PGPUB; USPAT	OR	ON	2005/04/28 21:41
S8	12	("20010020516"   "20020052094"   "20020090818"   "20020092763"   "20020114886"   "2508948"   "5462397"   "5616208"   "5873942"   "6037272"   "6328864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/28 21:55
S9	98	(156/345.31.ccls. "156"/.45.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with (purg\$3 inert clean) with gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:57
S10	14	("5735961").URPN.	USPAT	OR	ON	2005/04/28 22:03
S11	23	("4503807"   "4747367"   "4793283"   "4976610"   "5020475"   "5080549"   "5092728"   "5094885"   "5200232"   "5207835"   "5365772"   "5366557"   "5373806"   "5411593"   "5492566"   "5505779"   "5614247"   "5624499"   "5997588"   "6025602"   "6067728"   "6082150"   "6086678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:23
S12	5	((("4824545") or ("4699585") or ("5433785") or ("6074202") or ("20030102084")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/29 18:24
S13	28	("4824545").URPN.	USPAT	OR	ON	2005/04/29 18:24
S14	1	("5407350").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:33
S15	2	("6074202").URPN.	USPAT	OR	ON	2005/04/29 18:33
S16	4	("5121160"   "5730573"   "6048154"   "6385497").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:41
S17	4	("5205051"   "5455082"   "6086362"   "6286230").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:47
S18	0	("6750155").URPN.	USPAT	OR	ON	2005/04/29 18:54
S19	2193	(156/345.31.ccls. "156"/345.32.ccls. 118/719.ccls. 414/939.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:57
S20	102	(156/345.31.ccls. 156/345.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with (purg\$3 inert clean) with gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:58
S21	98	(156/345.31.ccls. "156"/.45.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with (purg\$3 inert clean) with gas)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:03

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S22	4	S20 not S21	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 18:58
S23	6	(156/345.31.ccls. "156"/.45.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with helium with nitrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:03
S24	6	(156/345.31.ccls. 156/345.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with helium with nitrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:32
S25	28	(US-20020002946-\$ or US-20030051815-\$ or US-20040187786-\$).did. or (US-5286296-\$ or US-5611655-\$ or US-5616208-\$ or US-5735961-\$ or US-5795399-\$ or US-6286230-\$ or US-6287984-\$ or US-6328864-\$ or US-6685779-\$ or US-6828235-\$ or US-5913978-\$ or US-5976328-\$ or US-6080679-\$ or US-6161311-\$ or US-4824545-\$ or US-5433785-\$ or US-6074202-\$ or US-6550158-\$ or US-5730573-\$ or US-5121160-\$ or US-6750155-\$ or US-5205051-\$ or US-5455082-\$ or US-6843883-\$ or US-5981399-\$).did.	US-PGPUB; USPAT	OR	ON	2005/04/29 19:06
S26	2	"9625760"	EPO; JPO; DERWENT	OR	ON	2005/04/29 19:11
S27	14	S25 AND EXPOS\$3	US-PGPUB; USPAT	OR	ON	2005/04/29 19:19
S28	1	(156/345.31.ccls. 156/345.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with shower\$1head)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:33
S29	2	(load\$3 with lock\$3 with shower\$1head)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:33
S30	0	(load\$3 with lock\$3 with shower\$1head)	EPO; JPO; DERWENT	OR	ON	2005/04/29 19:32
S31	61	(load\$3 with lock\$3 with gas with plate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:35
S32	11	(156/345.31.ccls. 156/345.32.ccls. 118/719.ccls. 414/939.ccls.) and (load\$3 with lock\$3 with gas with plate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:33
S33	4	(load\$3 with lock\$3 with gas with plate with metal\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:36
S34	119	(distribut\$3 with even with gas with metal\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 19:37
S35	14	(distribut\$3 with even with gas with metal\$3 with plate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 20:58
S36	1040	(expos\$3 with chamber with (helium hydrogen))	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 20:58
S37	10	(expos\$3 with (helium hydrogen) with (supply inlet)) same ((transfer\$4 transport\$4 convey\$4 mov\$3) with chamber)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 21:00
S38	183	(156/345.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/30 16:25
S39	153	S38 and (metal\$4 aluminum steel)	US-PGPUB; USPAT	OR	ON	2005/04/30 18:12
S40	101	tanaka-yukata.in. terashima-shigeru.in. hara-shinichi.in.	US-PGPUB; USPAT	OR	ON	2005/04/30 18:13

## EAST Search History

S41	30	tanaka-yukata.in. terashima-shigeru.in. hara-shinichi.in. and (load\$3 with lock\$3 with (gas nitorgen helium inert))	US-PGPUB; USPAT	OR	ON	2005/04/30 18:14
S42	88	c23c016\$.ipc. and (load\$3 with lock\$3 with (gas nitorgen helium inert))	EPO; JPO; DERWENT	OR	ON	2005/04/30 18:14
S43	30	tanaka-yukata.in. terashima-shigeru.in. hara-shinichi.in. and (load\$3 with lock\$3 with (gas nitrogen helium inert))	US-PGPUB; USPAT	OR	ON	2005/04/30 18:14
S44	89	c23c016\$.ipc. and (load\$3 with lock\$3 with (gas nitrogen helium inert))	EPO; JPO; DERWENT	OR	ON	2005/04/30 18:14
S45	9	(load\$3 with lock\$3 with fan with filter\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/16 22:25
S46	2	((("6224679") or ("6364762"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/16 22:36
S47	2	09/897,930	US-PGPUB; USPAT	OR	ON	2005/10/16 22:33
S48	7	("5093579"   "5172403"   "5524131"   "5578129"   "5828572"   "5871587"   "6133981").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/16 22:33
S49	3	S46 "6133981".pn.	US-PGPUB; USPAT	OR	ON	2005/10/16 22:37
S50	2	S49 and expos\$5	US-PGPUB; USPAT	OR	ON	2005/10/16 22:37
S51	40	(US-20020002946-\$ or US-20030051815-\$ or US-20040187786-\$).did. or (US-4209357-\$ or US-4780169-\$ or US-4792378-\$ or US-4824545-\$ or US-5121160-\$ or US-5205051-\$ or US-5237756-\$ or US-5286296-\$ or US-5433785-\$ or US-5455082-\$ or US-5611655-\$ or US-5616208-\$ or US-5730573-\$ or US-5735961-\$ or US-5795399-\$ or US-5828572-\$ or US-5913978-\$ or US-5976328-\$ or US-5981399-\$ or US-6074202-\$ or US-6080679-\$ or US-6133981-\$ or US-6161311-\$ or US-6224679-\$ or US-6286230-\$ or US-6287984-\$).did. or (US-6328864-\$ or US-6364762-\$ or US-6550158-\$ or US-6685779-\$ or US-6750155-\$ or US-6750946-\$ or US-6828235-\$ or US-6843883-\$).did. or (US-3437415-\$).did. or (WO-9625760-\$).did. or (US-5981399-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2005/10/17 08:16
S52	86	(US-20020002946-\$ or US-20030051815-\$ or US-20040187786-\$).did. or (US-4209357-\$ or US-4780169-\$ or US-4792378-\$ or US-4824545-\$ or US-5121160-\$ or US-5205051-\$ or US-5237756-\$ or US-5286296-\$ or US-5433785-\$ or US-5455082-\$ or US-5611655-\$ or US-5616208-\$ or US-5730573-\$ or US-5735961-\$ or US-5795399-\$ or US-5828572-\$ or US-5913978-\$ or US-5976328-\$ or US-5981399-\$ or US-6074202-\$ or US-6080679-\$ or US-6133981-\$ or US-6161311-\$ or US-6224679-\$ or US-6286230-\$ or US-6287984-\$).did. or (US-6328864-\$ or US-6364762-\$ or US-6550158-\$ or US-6685779-\$ or US-6750155-\$ or US-6750946-\$ or US-6828235-\$ or US-6843883-\$).did. or (US-3437415-\$).did. or (WO-9625760-\$).did. or (US-5981399-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2005/10/17 08:16
S53	88	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls) and (expos\$5 with mask)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2005/10/17 08:16
S54	6	(S52) and (expos\$5 with mask)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2005/10/17 08:16